

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A method for cleansing a used reaction cuvette such that whenever an assay in a first group of assays is determined to be scheduled to be next performed in the cuvette by examining the identify of assays yet to be performed , the cuvette is cleansed by a first series of cleansing operations and whenever an assay in a second group of assays is determined to be scheduled to be next performed in the cuvette by examining the identify of assays yet to be performed, the cuvette is cleansed by a second different series of cleansing operations.
2. (original) The method of claim 1 wherein the first group of assays comprises assays previously determined to potentially have inaccurate assay results if reaction residues in a cleansed used cuvette are greater than a known value and wherein the second group of assays comprises assays previously determined to not potentially have inaccurate assay results if reaction residues in a cleansed used cuvette are greater than the known value.
3. (previously presented) The method of claim 1 wherein the cleansing operations comprise a series of mini-washes followed by vacuum drying the cuvette.
4. (original) The method of claim 1 wherein the first series of cleansing operations includes more cleansing operations than the second series of cleansing operations.

5. (previously presented) The method of claim 3 wherein the assays involve potentially harmful agents and residue from the mini-washes is discharged into a first secure storage and wherein the assays involve biological or innocuous chemical agents and residue from the mini-washes is discharged into a second secure storage.
6. (withdrawn) An automated wash station to perform the method of claim 1, the wash station comprising a number of independently activated wash probes and drying probes adapted to be lowered into the reaction cuvette.
7. (withdrawn) The wash station of claim 4 wherein the drying probes include a drying boot having an associated spring-biased force adapted to fully insert the boot into the reaction cuvette.
8. (withdrawn) The wash station of claim 5 wherein the drying boot has side ridges and lateral openings on its external surfaces that act to generate a knife-like flow of drying air.
9. (withdrawn) The wash station of claim 4 wherein wash probes and drying probes are lowered into the reaction cuvette by means of a curved vertical slide comprising a collar freely disposed inside a sleeve, the sleeve being mounted to the curved vertical slide, the curved vertical slide attached to a stationary motor operable to vertically translate the curved vertical slide along a stationary post.
10. (withdrawn) The wash of station of claim 4 wherein each washing probe and drying probe are attached to the curved vertical slide by independently operable solenoids.
11. (withdrawn) The wash station of claim 4 wherein each drying probe drying probe further includes a magnet and the curved vertical slide includes a ferromagnetic portion

with a biasing spring optionally disposed therebetween so that whenever the drying probe is not attached to the curved vertical slide, the drying probe is lowered into the cuvette with an additional spring-loaded force and, whenever the drying probe is attached to the curved vertical slide, the magnet and ferromagnetic portion automatically separate.

12. (currently amended) A method for cleansing a used reaction cuvette such that whenever an assay in a first group of assays is determined to have ~~has~~ been previously performed in the cuvette by examining the identify of assays already performed, the cuvette is cleansed by a first series of cleansing operations and whenever an assay in a second group of assays has been previously performed in the cuvette by examining the identify of assays already performed, the cuvette is cleansed by a second different series of cleansing operations.

13. (previously presented) The method of claim 12 wherein the cleansing operations comprise a series of mini-washes followed by vacuum drying the cuvette.

14. (original) The method of claim 12 wherein the first series of cleansing operations includes more cleansing operations than the second series of cleansing operations.